

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"9489483".pn.	US-PGPUB; USPAT	ADJ	ON	2007/12/05 09:50
S2	1	"5528256".pn.	US-PGPUB; USPAT	ADJ	ON	2007/12/05 09:55
S3	208	345/210.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/05 10:21
S4	2	345/210.ccls. and intermediate voltage level	US-PGPUB; USPAT	ADJ	ON	2007/12/05 10:22
S5	1	345/210.ccls. and maximum (data or column) voltage	US-PGPUB; USPAT	ADJ	ON	2007/12/05 12:28
S6	0	345/210.ccls. and charge sharing	US-PGPUB; USPAT	ADJ	ON	2007/12/05 12:28
S7	203	345/210.ccls. and (voltage or potential)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 12:30
S8	2	345/210.ccls. and (data or column voltage) level	US-PGPUB; USPAT	ADJ	ON	2007/12/05 12:35
S9	5	345/210.ccls. and (data or column) voltage level	US-PGPUB; USPAT	ADJ	ON	2007/12/05 12:35
S10	43	345/210.ccls. and (data or column) voltage	US-PGPUB; USPAT	ADJ	ON	2007/12/05 12:38
S11	6	(US-5528256-\$ or US- 6741238-\$ or US-4857906- \$ or US-6342881-\$ or US- 5182549-\$ or US-6275209- \$).did.	USPAT	ADJ	ON	2007/12/05 14:35
S12	3	S11 and volts	US-PGPUB; USPAT	ADJ	ON	2007/12/05 14:35
S13	9	coupling with (column voltage and row voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 14:44
S14	2	(maximum (column or row or data) voltage) with ((intermediate or ground or zero) voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 14:54
S15	3090	345/204.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/05 15:21
S16	336	345/204.ccls. and (column or data) (voltage or bias or potential)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 15:21

S17	230	345/204.ccls. and (column or data) (voltage or bias or potential) and (intermediate or zero or ground)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 15:23
S18	1	345/210.ccls. and ((precharge or pre-charge) with (column or data or gate) voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 15:45
S19	0	345/210.ccls. and charge sharing	US-PGPUB; USPAT	ADJ	ON	2007/12/05 16:00
S20	4	345/210.ccls. and com with seg	US-PGPUB; USPAT	ADJ	ON	2007/12/05 16:18
S21	4	345/210.ccls. and (com with seg)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 16:18
S22	42	("4710768"   "4864182"   "4958105"   "5296847"   "5408248").PN. OR ("5528256").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 17:33
S23	1	"6124840".pn. and dl	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 17:46
S24	0	"345".clss. and ((data or column) voltage with (charging gate voltage))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 18:07
S25	1	"345".clss. and ((data or column or source) voltage with (charging near3 (gate or select or row)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 18:09
S26	0	345/210.clss. and (precharge or pre-charge)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/05 18:11
S27	17	345/204.ccls. and ((precharge or pre-charge) with (column or data or gate) voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 18:45
S28	34	345/204.ccls. and (capacitively coupled)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 18:48
S29	1	"345".clss. and charge sharing	US-PGPUB; USPAT	ADJ	ON	2007/12/05 18:52
S30	2	"345".clss. and (precharge with gate line)	US-PGPUB; USPAT	ADJ	ON	2007/12/05 18:52
S31	1142	345/94-95.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/06 11:05
S32	1	345/94-95.ccls. and (charge sharing or charge-sharing) and ((gate or row or scan) voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:14
S33	0	345/94-95.ccls. and (intermediate voltage with charge sharing)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:15

S34	78	345/94-95.ccls. and (intermediate voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:16
S35	0	345/94-95.ccls. and (maximum column voltage with (intermediate or middle) voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:25
S36	1	345/94-95.ccls. and (maximum column voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:25
S37	7	345/94-95.ccls. and (maximum (data or column) voltage)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:26
S38	3	345/94-95.ccls. and ((gate or scan voltage) with charge sharing)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:44
S39	0	345/94-95.ccls. and ((gate or scan) voltage with charge sharing)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:45
S40	20	345/94-95.ccls. and ((gate or scan) voltage with charge)	US-PGPUB; USPAT	ADJ	ON	2007/12/07 08:45
S41	3	("4651148"   "5526012"   "5745089").PN. OR ("6903715").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 10:43
S42	26	("4818991"   "4955697"   "5177475"   "5296847").PN. OR ("5526012").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 10:45
S43	0	345/94-95.ccls. and intermediate gate voltage	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 12:01
S44	0	345/94-95.ccls. and temporary gate voltage	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 12:01
S45	0	345/94-95.ccls. and power sav	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 12:01
S46	28	345/94-95.ccls. and power saving	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 12:01
S47	0	WO01/54108	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:06
S48	0	WO0154108	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:06
S49	0	WO200154108	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:07

S50	2	"200154108"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:07
S51	2	"5528256".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:10
S52	8	"4888523".pn. or "4864182".pn. or "5838289".pn. or "5907314".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:11
S53	11	"4888523".pn. or "4864182".pn. or "5838289".pn. or "5907314".pn. or "5734379".pn.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2007/12/07 12:12
S54	5	"4888523".pn. or "4864182".pn. or "5838289".pn. or "5907314".pn. or "5734379".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/07 12:14
S55	400	345/204.ccls. and (column or data) (voltage or bias or potential)	US-PGPUB; USPAT	ADJ	ON	2008/08/16 11:18
S56	270	345/204.ccls. and (column or data) (voltage or bias or potential) and (intermediate or zero or ground)	US-PGPUB; USPAT	ADJ	ON	2008/08/16 11:18
S57	1	345/210.ccls. and maximum (data or column) voltage	US-PGPUB; USPAT	ADJ	ON	2008/08/16 11:18
S58	2	345/210.ccls. and intermediate voltage level	US-PGPUB; USPAT	ADJ	ON	2008/08/16 11:18
S59	1	345/210.ccls. and maximum (data or column) voltage	US-PGPUB; USPAT	ADJ	ON	2009/01/09 12:41
S60	234	345/210.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/01/09 12:41
S61	295	345/204.ccls. and (column or data) (voltage or bias or potential) and (intermediate or zero or ground)	US-PGPUB; USPAT	ADJ	ON	2009/01/09 12:41
S62	0	precharge and intermediat voltage	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 13:20
S63	1513	precharge and intermediate voltage	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 13:20

S64	426	precharge with intermediate voltage	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 13:20
S65	16	S64 and lcd	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 13:20
S66	79	precharge with scan line	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 13:21
S67	2	"345".clss. and precharge with scan line	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 14:18
S68	7	"345".clss. and precharge with scan	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 14:18
S69	1	precharge with scan voltage	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 14:19
S70	522	precharge and scan line	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 14:20
S71	2175	precharge and scan	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 14:20
S72	273	precharge with scan	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/01 14:20
S73	1	"5528256".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/02 13:37
S74	43	("4710768"   "4864182"   "4958105"   "5296847"   "5408248").PN. OR ("5528256").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/02 13:37
S75	82	("4842371"   "5093655"   "5274366"   "5392058"   "5412397"   "5414443"   "5418547"   "5436635"   "5438342"   "5459484"   "5465102"   "5510805"   "5528256").PN. OR ("5748165").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/02 13:51
S76	5	("5748165").PN. OR ("6801194").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/02 13:53
S77	8	("20010043178"   "5646641"   "5719590"   "5883608"   "6075505"   "6084562"   "6307532"   "6501454").PN. OR ("6911967").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/02 14:03
S78	381	frame rate with measure	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:36
S79	285	S78 and display	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:37

S80	24	(US-20010033266-\$ or US-20050083319-\$ or US-20010043178-\$).did. or (US-5528256-\$ or US-6741238-\$ or US-4857906-\$ or US-6342881-\$ or US-5182549-\$ or US-6275209-\$ or US-6407732-\$ or US-6028598-\$ or US-6124840-\$ or US-5838289-\$ or US-6421038-\$ or US-6903715-\$ or US-6020870-\$ or US-5526012-\$ or US-4864182-\$ or US-5734379-\$ or US-5907314-\$ or US-4888523-\$ or US-6982693-\$ or US-5748165-\$ or US-6801194-\$).did. or (WO-200154108-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/04 14:41
S81	0	S80 and static image	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:41
S82	7730	static image and display	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:41
S83	30	static image with sense	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:41
S84	154	"345".ccls. and static image	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:42
S85	7489	motion detection and display	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:43
S86	89	"345".ccls. and motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:44
S87	1	(10/280092).APP.	USPAT; USOCR	ADJ	ON	2010/06/04 14:51
S88	6	("5717415"   "6279253").PN. OR ("6680732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:52
S89	12	frame rate adjuster	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:52
S90	8	345/100.ccls. and motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:55
S91	0	345/72.ccls. and motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:56
S92	1	345/82.ccls. and motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:57
S93	2	US-6642916-\$.DID. OR US-20020109653-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 14:58
S94	2	345/83.ccls. and motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:03
S95	46	frame rate control and motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:03

S96	8	("20020015017"   "20020015104"   "20030179221"   "20040041745"   "6008790"   "6456266"   "7072702"   "7215309"). PN. OR ("7495647"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:09
S97	92	frame rate with motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:13
S98	19	motion detection with lcd	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:30
S99	6	("20020149574"   "4539594"   "4727506"   "5081450"   "6507350"   "6870945").PN. OR ("7724971").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:42
S100	33	static image with motion detection	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:43
S101	72	static image with frame rate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:45
S102	9	("20030030618"   "4424513"   "5495346"   "5530797"   "5640175"   "5835082"   "6151074"   "6332172"   "6476822"). PN. OR ("6903732"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/04 15:46
S103	0	("2006/0267972").URPN.	USPAT	ADJ	ON	2010/06/07 14:27
S104	1	"20030112213"	USPAT	ADJ	ON	2010/06/07 14:47
S105	0	"20030112213".pn.	USPAT	ADJ	ON	2010/06/07 14:52
S106	3	"US 20030112213"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2010/06/07 14:52
S107	30	(US-20010033266-\$ or US-20050083319-\$ or US-20010043178-\$ or US-20030058224-\$ or US-20020163523-\$ or US-20020126083-\$ or US-20040066363-\$ or US-20030112213-\$).did. or (US-5528256-\$ or US-6741238-\$ or US-4857906-\$ or US-6342881-\$ or US-5182549-\$ or US-6275209-\$ or US-6407732-\$ or US-6028598-\$ or US-6124840-	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/07 14:57

		\$ or US-5838289-\$ or US-6421038-\$ or US-6903715-\$ or US-6020870-\$ or US-5526012-\$ or US-4864182-\$ or US-5734379-\$ or US-5907314-\$ or US-4888523-\$ or US-6982693-\$ or US-5748165-\$ or US-6801194-\$ or US-7084849-\$).did. or (WO-200154108-\$).did.				
S108	30	(US-20010033266-\$ or US-20050083319-\$ or US-20010043178-\$ or US-20030058224-\$ or US-20020163523-\$ or US-20020126083-\$ or US-20040066363-\$ or US-20030112213-\$).did. or (US-5528256-\$ or US-6741238-\$ or US-4857906-\$ or US-6342881-\$ or US-5182549-\$ or US-6275209-\$ or US-6407732-\$ or US-6028598-\$ or US-6124840-\$ or US-5838289-\$ or US-6421038-\$ or US-6903715-\$ or US-6020870-\$ or US-5526012-\$ or US-4864182-\$ or US-5734379-\$ or US-5907314-\$ or US-4888523-\$ or US-6982693-\$ or US-5748165-\$ or US-6801194-\$ or US-7084849-\$).did. or (WO-200154108-\$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/07 14:57
S109	30	(US-20010033266-\$ or US-20050083319-\$ or US-20010043178-\$ or US-20030058224-\$ or US-20020163523-\$ or US-20020126083-\$ or US-20040066363-\$ or US-20030112213-\$).did. or (US-5528256-\$ or US-6741238-\$ or US-4857906-\$ or US-6342881-\$ or US-5182549-\$ or US-6275209-\$ or US-6407732-\$ or US-6028598-\$ or US-6124840-\$ or US-5838289-\$ or US-6421038-\$ or US-6903715-\$ or US-6020870-\$ or US-5526012-\$ or US-4864182-\$ or US-5734379-\$ or US-5907314-\$ or US-4888523-\$ or US-6982693-\$ or US-5748165-\$ or US-6801194-	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/07 14:57



		\$ or US-7084849-\$.did. or (WO-200154108-\$.did.				
S110	0	S109 and measure with frame rate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/07 14:57
S111	0	S109 and measure with frame	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/07 14:57
S112	381	measure with frame rate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/07 14:57
S113	72	S112 and lcd	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/07 14:58
S114	30	(US-20010033266-\$ or US-20050083319-\$ or US-20010043178-\$ or US-20030058224-\$ or US-20020163523-\$ or US-20020126083-\$ or US-20040066363-\$ or US-20030112213-\$.did. or (US-5528256-\$ or US-6741238-\$ or US-4857906-\$ or US-6342881-\$ or US-5182549-\$ or US-6275209-\$ or US-6407732-\$ or US-6028598-\$ or US-6124840-\$ or US-5838289-\$ or US-6421038-\$ or US-6903715-\$ or US-6020870-\$ or US-5526012-\$ or US-4864182-\$ or US-5734379-\$ or US-5907314-\$ or US-4888523-\$ or US-6982693-\$ or US-5748165-\$ or US-6801194-\$ or US-7084849-\$.did. or (WO-200154108-\$.did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2010/06/07 15:01
S115	5	S114 and frame rate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/07 15:01

6/ 8/ 2010 2:51:39 PM

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